

Abstract

In accordance with the invention, radio program content or other audio communications and music are transmitted as digital information through the Internet to an Internet radio receiver/transmitter device. The device converts received digital information to analog information and broadcasts the information in the radio frequency band at low power in a localized area for reception by ordinary FM or AM radios. The device is capable of receiving multiple streams of different digital information, and broadcasting each of these on separate radio frequencies, so that each person in a household may hear its own selected programming on its own preselected radio frequency. It is programmable as to at least broadcast commence time, frequency and end time, if desired. Moreover, it may store received information to play at a preprogrammed time, or on demand.